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Substitute for form 1449A/PTO

# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

 Shee 1 of 1  
 (use as many sheets as necessary)

## **Complete if Known**

Application Number	10/038,288
Filing Date	November 9, 2001
First Named Inventor	Walke
Group Art Unit	1645/652
Examiner Name	Not Yet Assigned D. STEADMAN
Attorney Docket Number	LEX-0268-USA

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>5</sup>				
DS	CK		WO 01 75067 A		Hyseq	10-11-2001		
	CL		WO 01 98342 A		Smithkline Beecham/Glaxo	12-27-2001		
	CM		WO 02 31148 A		Zymogenetics Inc.	04-18-2002		
DS	CN		WO 02 48337 A		Incyte Genomics	06-20-2002		

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DS	CO	DATABASE EBI 'Online! BERGSTEIN I. ET AL., "Homo sapiens Wnt-like protein Wnt15gene, partial cds" Database accession no. AF028703, XP002221500 & BERGSTEIN I. ET AL., "Isolation of two novel WNT genes, WNT14, and WNT15, one of which (WNT15) is closely linked to WNT3 on human chromosome 17q21", GENOMICS, vol. 46, no. 3, 15 December 1997, pages 450-458, XP002110186	
	CP	DATABASE EMBL 'Online! EBI: FRITSCHKE J. ET AL., "Homo sapiens mRNA for meltrin-beta/ADAM 19 homologue" Database accession no. Y13786, XP002221501 & FRITSCHKE J. ET AL., "Molecular cloning and characterization of a human metalloprotease disintegrin: a novel marker for dendritic cell differentiation", BLOOD, vol. 96, no. 2, 15 July 2000, pages 732-739, XP002221426.	
	CQ	DATABASE EBI 'Online! BIRREN B. ET AL., "Homo sapiens chromosome, clone CTC-480C19, complete genome", Database accession no. AC015855, XP002221428.	
	CR	DATABASE EBI 'Online! KIRIKOSHI H. ET AL., "Homo sapiens mRNA for WNT14B, complete cds" Database accession no. AB063483 XP002221429 & KIRIKOSHI H. ET AL., "Molecular cloning and characterization of WNT14B, a novel member of the WNT gene family" INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 19, no. 5, November 2001, pages 947-952, XP001106377.	
	CS	DATABASE EBI 'Online! KATOH M., "Homo sapiens mRNA for WNT14, complete cds" Database accession no. AB060283, XP002221502 & SAITOH TETSUROH ET AL., "Molecular cloning and characterization of WNT3A and WNT clustered in human chromosome 1q42 region" vol, 284, no. 5, 29 June 2001, pages 1168-1175, XP002221427.	4
DS	CT	International Search Report for PCT/US01/49971, filed 9/11/2001	

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Date Considered

07/08/03

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent document indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 5 possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/038,288
		Filing Date	Nov 9, 2001
		First Named Inventor	Walke
		Group Art Unit	1645 / 1652
		Examiner Name	Not Yet Assigned STEADMAN
		Attorney Docket Number	LEX-0268-USA
Sheet	1	of	3

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
DS	AA	4,215,051		Schroeder et al	07/29/80	260/346.7
	AB	4,376,110		David et al	03/08/83	436/513
	AC	4,594,595		Struckman	06/10/86	343/770
	AD	4,631,211		Houghten	12/23/86	428/35
	AE	4,689,405		Frank et al	08/25/87	536/27
	AF	4,713,326		Dattagupta et al	12/15/87	435/6
	AG	4,873,191		Wagner et al	10/10/89	435/172.1
	AH	4,946,778		Ladner et al	08/07/90	435/69.6
	AI	5,252,743		Barrett et al	10/12/93	548/303.7
	AJ	5,272,057		Smulson et al	12/21/93	435/6
	AK	5,424,186		Fodor et al	06/13/95	435/6
	AL	5,445,934		Fodor et al	08/29/95	435/6
	AM	5,459,127		Felgner et al	10/17/95	514/7
	AN	5,556,752		Lockhart et al	09/17/96	435/6
	AO	5,700,637		Southern	12/23/97	435/6
	AP	5,744,305		Fodor et al	04/28/98	435/6
	AQ	5,830,721		Stemmer et al	11/03/98	435/172.1
	AR	5,837,458		Minshull et al	11/17/98	435/6
	AS	5,869,336		Meyer et al.	02/09/99	435/348
	AT	5,877,397		Lonberg et al	03/02/99	800/2
	AU	5,948,767		Scheule et al.	09/07/99	514/44
	AV	6,075,181		Kucheralapati et al	06/13/00	800/25
	AW	6,110,490		Thierry	08/29/00	424/450
DS	AX	6,150,584		Kucheralapati et al.	11/21/00	800/18

Examiner Signature	<i>DS</i>	Date Considered	07/08/03
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	10/038,288
		Filing Date	Nov 9, 2001
		First Name and Invention	Walke
		Group Art Unit	1845/1652
		Examiner Name	Not Yet Assigned <b>STEADMAN</b>
Sheet 2 of 3	Attorney Docket Number	LEX-0268-USA	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
QUS	AY	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	
	AZ	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	
	BA	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
	BB	Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", PNAS 80:2026-2030.	
	BC	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
	BD	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.	
	BE	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
	BF	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	
	BG	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
	BH	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
	BI	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
	BJ	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
	BK	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	
	BL	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	
	BM	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
	BN	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	
	BO	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	
	BP	Lo, 1983, "Transformation by Ionophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.	
	BQ	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	
	BR	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823.	
	BS	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	BT	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	BU	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.	
	BV	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
	BW	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	

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		Filing Date	Nov 9, 2001
		First Named Inventor	Walke
		Group Art Unit	1645/652
		Examiner Name	Not Yet Assigned STEADMAN
		Attorney Docket Number	LEX-0268-USA
Sheet	3	of	3

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DJS	BX	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.	
	BY	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	BZ	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	CA	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	CB	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	CC	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	CD	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	CE	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.	
	CF	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	
	CG	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	CH	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	CI	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
DJS	CJ	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	

Examiner Signature	<i>DJS</i>	Date Considered	07/08/03
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